

## CLAIMS

1. An HLA-E chimeric molecule possessing the following amino acid sequence:

(1) HLA-E chimeric molecule replacing all or part of  $\alpha 2$  domain of HLA-E molecule with all or part of  $\alpha 2$  domain of HLA-G1 molecule,

(2) HLA-E chimeric molecule replacing, together with (1), signal peptide (SP) of HLA-E molecule with reformed SP partly reforming the SP of HLA-G1 molecule, or

(3) HLA-E chimeric molecule replacing, together with (2), a part of amino acid sequence of  $\alpha 1$  domain and  $\alpha 2$  domain of HLA-E molecule, with a part of amino acid sequence of  $\alpha 1$  domain and  $\alpha 2$  domain of HLA-G1 molecule, respectively.

2. A base sequence for coding any HLA-E chimeric molecule of claim 1.

3. A nonhuman mammal cell or nonhuman mammal animal transformed by the base sequence of claim 2.